

## CLAIMS:

1. A security document or other device including a substrate, a smooth highly reflective layer applied to said substrate and having a reflectivity of at least 60 gloss units, and a raised printed image applied to said reflective layer by a printing process, at least part of said raised printed image having a height of at least 10 microns, said printed image being printed using ink having properties which render it substantially transparent or translucent while causing scattering of the light reflectance and transmittance in at least a partially specular manner.

2. The security document of claim 1, wherein the translucent ink has a haze value in the range of about 60 to 98, as measured on an XL 211Hazegard haze measuring instrument and an ink thickness of about 15 microns.

3. The security document of claim 2, wherein the haze value is about 85 to 95.

4. The security document or device of claim 1, 2 or 3, wherein the smooth highly reflective layer is applied to said substrate by a printing process.

5. The security document or device of any preceding claim 4, wherein the printing process is the same printing process used to print the remainder of security document or device.

6. The security document or device of any preceding claims, wherein the printing process is a gravure printing process.

7. The security document or device of any preceding claim, wherein the reflective layer is about 3 microns thick.

8. The security document or device of any one of claims 1 to 7, wherein the smooth highly reflective layer compresses a reflective foil applied to the substrate.

9. The security document or device of any preceding claim, wherein the substrate is a smooth surfaced polymer film of the type suitable for the production of banknotes.

- 10 -

10. The security document or device of any preceding claim, wherein the properties of the ink produce an image having optical properties similar to the optical properties of tracing paper.

5      11. A method of producing a security document or other device, including the steps of applying a smooth highly reflective layer to a substrate, said reflective layer having a reflectivity of at least 60 gloss units, and printing a raised printed image on the reflective layer, at least part of said raised printed having a height of at least 10  $\mu\text{m}$  and being printed using ink having properties which render it substantially transparent or translucent while causing scattering  
10 of the light reflectance and transmittance in at least a partially specular manner.

12. The method of claim 11 including steps which produce a document or device as claimed in any one of claims 2 to 10.

APP B 1